

Safety Data Sheet

Microclean® Forest Pine Disinfectant Cleaner Mountain Cleaning Products

Issue Date: February 2023
Valid to: February 2028

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	Microclean® Forest Pine Disinfectant Cleaner
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Multi-purpose commercial strength disinfecting, cleaning and deodorising of hard surfaces.
Supplier/Manufacturer:	Mountain Cleaning Products
Address:	173 Wilson St, South Lismore, NSW 2480
Telephone:	02 6622 8733
Email:	support@mountaincleaning.com.au
Website:	www.mountaincleaning.com.au
Emergency Telephone:	13 11 26 (Poisons Information Centre)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification:	Non-hazardous.
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LABELLING ELEMENTS:

Signal Word:	None allocated.
Pictogram(s):	None allocated.
Hazard Statements(s):	None allocated.
Precautionary Statement(s):	None allocated.
Storage:	None specified.
Disposal:	None specified.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	> 60%	
Alkyldimethylbenzyl ammonium chloride	68424-85-1	Below cut off	H302 + H315 + H400

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Other ingredients determined to be non hazardous or below concentration cut offs		< 10%	
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SECTION 4: FIRST AID MEASURES

First Aid Facilities:	Normal washroom facilities.
Eye Contact:	Immediately irrigate with plenty of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if there are ongoing symptoms.
Skin Contact:	Wash skin with plenty of water. Remove contaminated clothing and wash before reuse.
Inhalation:	Remove victim to fresh air away from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position, keep warm and at rest.
Ingestion:	Do NOT induce vomiting. If conscious, rinse mouth thoroughly with water and give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice.
Advice to Doctor:	No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Scheduled Poisons:	Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. Phone Australia 13 11 26.

SECTION 5: FIRE FIGHTING MEASURES

Fire and Explosion Hazard:	Water based, not combustible.
Extinguishing Media:	Use fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder).
Fire Fighting:	Keep containers exposed to extreme heat cool with fine water spray.
Flash Point:	None.
Hazchem Code:	None.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Minor Spills:	Do not normally require special clean-up measures. Absorb spills and rinse area with water.
Major Spills:	For example transport accident or bulk spill. Prevent spillage from entering drains or watercourses. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination. Contain spillage, then cover/absorb spill into dry, inert material (e.g. sand, earth or vermiculite), collect and place into suitable containers, appropriately labeled, for disposal by an approved agent according to local conditions. Spillage area may remain slippery. Flush spill area with plenty of water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.
PPE:	Personal protective equipment advice is contained in Section 8 of this document.

SECTION 7: HANDLING AND STORAGE

Handling:	Always wash hands with water after handling.
Storage:	Store in a cool, dry place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS: None established for this product or ingredients.

Ingredient	TWA	STEL	Notes

Personal Protection:	Use good occupational work practice. The use of personal protective clothing would only be required if handling
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	concentrated product in quantity and in accordance with risk assessments taken.
Engineering Controls:	None required.
Eye and Face Protection:	Not required for normal use conditions. Safety glasses, if risk of contamination.
Hand and Skin Protection:	Not required for normal use conditions. Where heavy contamination is likely, wear gloves.
Inhalation Protection:	Not required under normal use conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear forest green liquid
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Odour:	Pine	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	7.0 – 8.0 neat	Relative Density (Water=1):	1.0 – 1.1 @ 25 °C
Melting/Freezing Point:	0 °C approx.	Water Solubility:	Soluble
Boiling Point:	100 °C approx.	Partition Coefficient n-Octanol/Water	Not available
Flash Point:	None	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Viscous
Upper/Lower Flammability:	Not available		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Low.
Chemical Stability:	Stable under normal conditions of storage and handling. Contamination of product and exposure to excessive heat and light may accelerate decomposition.
Possibility of Hazardous Reactions:	None known under conditions of normal use.

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Conditions to Avoid:	Extremes of temperature and excessive direct sunlight.
Incompatible Materials:	Soaps may inactivate disinfecting agent.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhaled:	No harmful effects.
Skin Contact:	No harmful effects under normal use conditions. Extended contact with concentrated product may cause irritation.
Eye Contact:	Contact may cause irritation.
Ingestion:	Swallowing large amounts can result in nausea.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For active constituent, alkyldimethylbenzyl ammonium chloride (at 50%): Oral LD50 (rat) – 500 - 2000mg/kg
Chronic:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Product as sold: Acute aquatic toxicity (Category 3). Harmful to aquatic life. Product at USE DILUTION: Not toxic by calculation. No LC50 data available for this product. For main active constituent, alkyldimethylbenzyl ammonium chloride (at 50%): LC50 (Danio rerio (Zebra fish)) – 1-10mg/l - 96 h. EC50 (Selenastrum capricornutum (green algae)) – 0.049mg/l – 72h.
Persistence and Degradability:	Individual components stated to be biodegradable.
Bioaccumulative Potential:	Not tested.
Mobility in Soil:	Not tested.
Other Adverse Affects:	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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Disposal Methods:	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.
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SECTION 14: TRANSPORT INFORMATION

ADG Code Classification:	Not a dangerous good.
UN No.:	NA
Proper Shipping Name:	NA
Transport Hazard Class:	NA
Packing Group:	NA
Hazchem Code:	NA
Environmental Hazards for Transport:	NA

SECTION 15: REGULATORY INFORMATION

SUSMP (Poison Schedule):	Not a scheduled poison.
TGA:	TGA Disinfectant Test Option C – passed.

SECTION 16: OTHER INFORMATION

Acronyms:	ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS – Australian Inventory of Chemical Substances. CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds. GHS – Globally Harmonised System. HAZCHEM – An emergency action code that gives information to emergency services during transport emergencies. IARC – International Agency for Research on Cancer. LC50 – Lethal concentration to kill 50% of test population. LD50 – Lethal dose, to kill 50% of test population. Mg/m ³ – Milligrams per cubic metre. PPM – Parts per million.
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	<p>STEL – Short Term Exposure Limit. STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average/Occupational Exposure limit.</p>
Literature References:	<p>Australian Code for the Transport of Dangerous Goods by Road & Rail – Ed.7.7, 2020. Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. July 2020 – Safe Work Australia. Global Harmonized System of Classification and Labelling of Chemicals (GHS). Seventh revised edition. Standard for the Uniform Scheduling of Medicines and Poisons. October 2022. Safety Data Sheets for individual raw materials – all suppliers.</p>
Revision History:	<p>V1.0 Initial SDS for GHS compliance. Rev 1.1 Extension for GHS7 transition. Rev 1.2 Extension for GHS7 transition. V2.0 GHS7</p>
Prepared By:	Mountain Cleaning Products Regulatory Service.

END OF SDS